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**Roll No:25**

**Batch: B**

**Date:31/05/22**

**OBJECT ORIENTED PROGRAMMING LAB**

**Experiment No.: 23**

**Aim**

Find the average of N positive integers, raising a user defined exception for each negative input.

**PROCEDURE**

import java.util.Scanner;

class NegException extends Exception

{

public NegException(String s)

{

super(s);

}

}

public class Average {

public static void main(String[] args)

{

int i;

double sum=0,avg=0;

Scanner sc=new Scanner(System.in);

System.out.println("Enter n numbers:");

int n=sc.nextInt();

for(i=1;i<=n;i++)

{

try

{

System.out.println("Enter number"+i);

int a=sc.nextInt();

if(a<0)

{

i--;

throw new NegException("Negative numbers not allowed,Try again");

}

else

{

sum=sum+a;

}

}

catch(NegException e)

{

System.out.println("NEGETIVE EXCEPTION OCCURED:"+e);

}

}

avg=sum/n;

System.out.println("Average is "+avg);

sc.close();

}

}

**OUTPUT**

